


FLORENTINA-2X2-D

~18° diffused spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	89.6 mm
Height	22.2 mm
Fastening	pin, screw
ROHS compliant	yes 

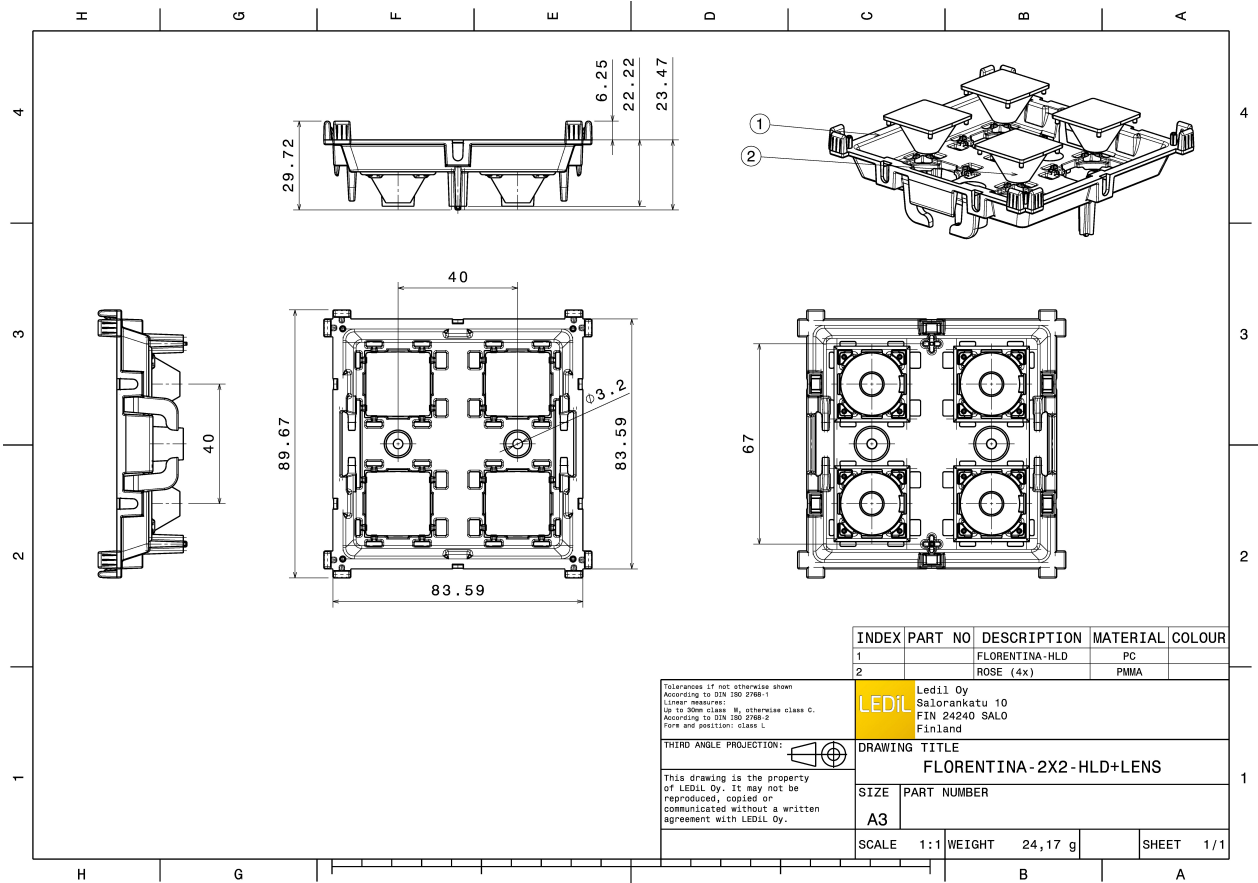
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-CMC-D	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	



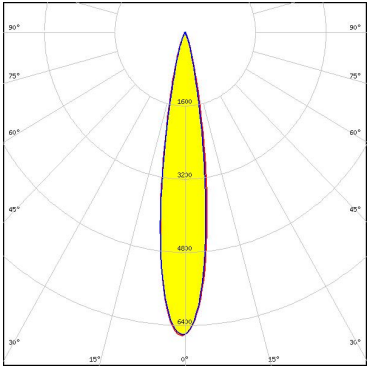


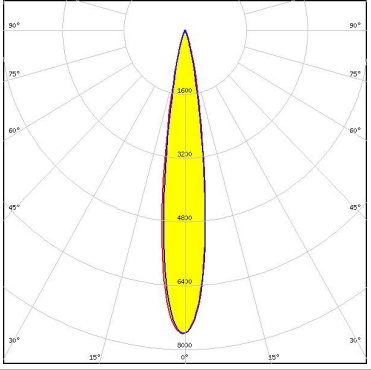


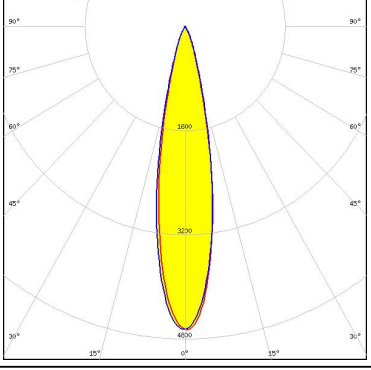





ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14966_FLORENTINA-2X2-D	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7 FWHM 18.0° Efficiency 83 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5 FWHM 16.0° Efficiency 84 % Peak intensity 7.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p></p> <p>LED XHP35 HD FWHM 21.0° Efficiency 80 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p></p> <p>LED XHP35 HD FWHM 21.0° Efficiency 80 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		

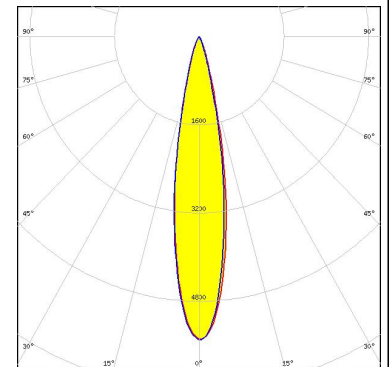
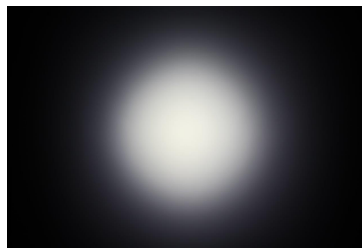
PHOTOMETRIC DATA (MEASURED):



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



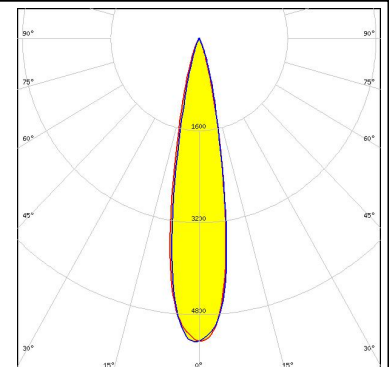
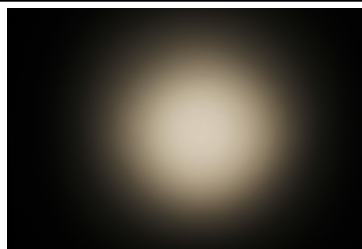
LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
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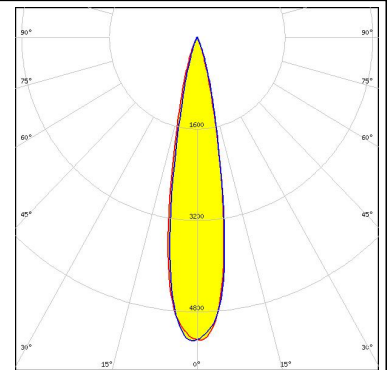
LED LUXEON MZ
FWHM 20.0°
Efficiency 78 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

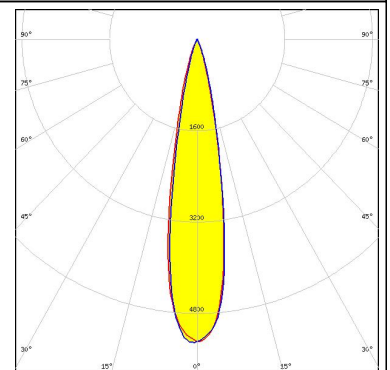
LUMILEDS

LED LUXEON MZ
 FWHM 20.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



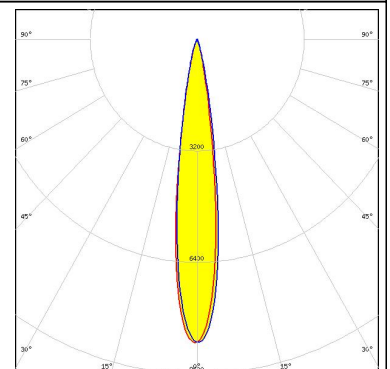
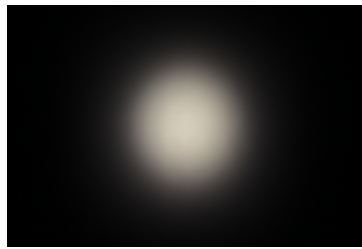
LUMILEDS

LED LUXEON MZ
 FWHM 20.0°
 Efficiency 78 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS


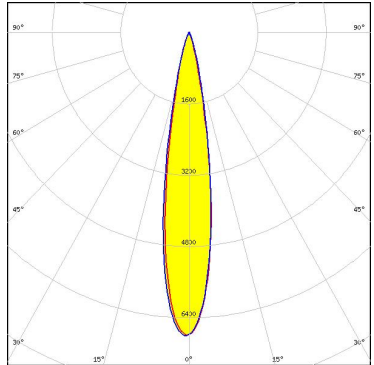


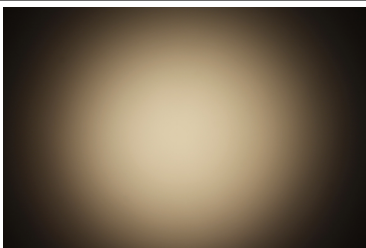
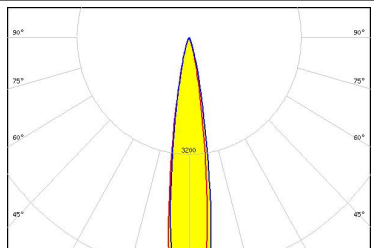

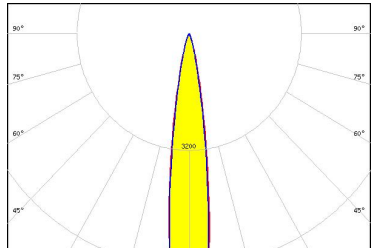
LED LUXEON TX
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

LED LUXEON TX
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

PHOTOMETRIC DATA (MEASURED):

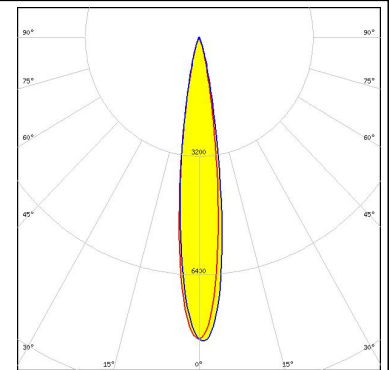
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 18.0° Efficiency 81 % Peak intensity 6.8 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 18.0° Efficiency 81 % Peak intensity 6.8 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM 15.0° Efficiency 76 % Peak intensity 8.3 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM 15.0° Efficiency 77 % Peak intensity 8.3 cd/lm LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLO Square EC
FWHM 15.0°
Efficiency 81 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



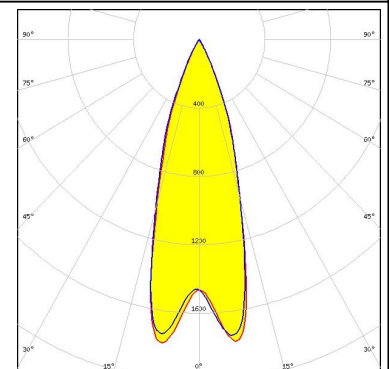
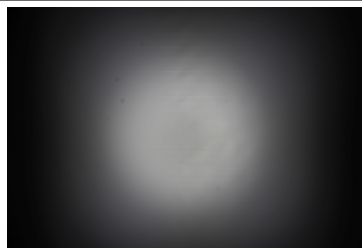
OSRAM

Opto Semiconductors

LED OSLO Square EC
FWHM 15.0°
Efficiency 81 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

SAMSUNG

LED HiLOM SC16 (LH181B)
FWHM 32.0°
Efficiency 65 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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